We believe design is about more than the space or technology being used.

As antimicrobial resistance and “superbugs” loom ever larger in headlines, the need for infection control across health systems has reached a new urgency. Keeping patients and staff safe is at the heart of any effective infection control measure, so a better understanding and adherence to instrument processing best practices is truly essential for every facility.
Infection Prevention Matters

Every day patients walk into healthcare facilities to be treated and walk out with a healthcare acquired infection (HAI). These types of infections can have devastating medical and financial implications—worse, they can be deadly. And these types of infections are not limited to hospitals. Don’t take chances with the health of your patients and staff, or the safety standards of your health system.

Midmark instrument processing solutions provide the solid foundation you need for worry-free infection prevention measures, based on best practices you can trust.

2 MILLION PEOPLE DEVELOP AN HAI EACH YEAR IN THE US.
Follow the instrument processing best practices established by the CDC to create a smooth workflow from dirty to clean, helping contain contamination and maximizing the efficiency of your instrument cleaning and sterilization processes.

**STEP 1**
Receiving, Cleaning + Decontamination
Reusable instruments, supplies and equipment should be received, cleaned and decontaminated in one section of the processing area.

**STEP 2**
Preparation + Packaging
Cleaned instruments and other supplies should be inspected, assembled into sets or trays, and wrapped or packaged for sterilization.

**STEP 3**
Sterilization
The sterilization area should include the sterilizer and related supplies with adequate space for loading, unloading and cool down.

**STEP 4**
Monitoring/Sterility Assurance
Use mechanical, chemical and biological monitoring to ensure the effectiveness of the sterilization process.

**STEP 5**
Storage
The storage area should contain space for sterile items and disposables. Supplies and instruments should not be stored under sinks or in other locations where they might become wet.
The Critical First Step
QuickClean® Ultrasonic Cleaners

If an instrument is not clean, it will not become sterile. That’s why it’s so important to ensure that instruments are thoroughly cleaned prior to sterilization. QuickClean Ultrasonic Cleaners eliminate hidden residues manual cleaning may miss, providing powerful, effective cleaning with consistent results. And QuickClean uses advanced technology to help create a safer, more efficient work environment by decreasing worker exposure to contaminants and sharps injuries while reducing the time and effort needed for cleaning.

01 Choose the option that best fits your space and workflow needs. QuickClean comes in three tabletop sizes (1.2-, 3.3- and 6.6-gallon).

02 QuickClean is available in two recessed options (3.3- or 6.6-gallon).

03 The stainless steel finish and attractive design coordinate well with most décor.
Simple, Powerful Technology

QuickClean® is easy to use right out of the box, so your staff can be up and running with minimal training time. Advanced Frequency-Leap technology helps ensure your instruments are fully cleaned the first time, every time no matter where they are placed in the basket.

ACCESSORIES + SERVICE PARTS

**Beaker Accessories**
- 9A612001 - QC1 – 2 Beaker Accessory
- 9A613001 - QC3/QC3R – 4 Beaker Accessory
- 9A614001 - QC6/QC6R – 6 Beaker Accessory

**Extra Safety Baskets**
- 002-10007-00 - QC1 Safety Basket
- 002-10008-00 - QC3/QC3R Safety Basket
- 002-10009-00 - QC6/QC6R Safety Basket

**Cleaning Solutions**
- 9A296001 Midmark General Purpose Cleaner (32 oz)
- 9A297001 Midmark Tartar and Stain Remover (32 oz)
- 9A298001 Midmark Enzymatic Cleaner (32 oz)

**QuickClean Models**

<table>
<thead>
<tr>
<th>Type of Unit</th>
<th>QC1-01</th>
<th>QC3-01</th>
<th>QC6-01</th>
<th>QC3R-01</th>
<th>QC6R-01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity</strong></td>
<td>1.2 Gal/4.5 L</td>
<td>3.3 Gal/12.5 L</td>
<td>6.6 Gal/25 L</td>
<td>3.3 Gal/12.5 L</td>
<td>6.6 Gal/25 L</td>
</tr>
<tr>
<td><strong>Size of Unit</strong></td>
<td>13.5&quot; L x 10.2&quot; W x 10.4&quot; H (34.5 x 20 x 26.5 cm)</td>
<td>14.7&quot; L x 16.5&quot; W x 10.4&quot; H (37.5 x 42 x 26.5 cm)</td>
<td>15.5&quot; L x 14.33&quot; W x 10.4&quot; H (39.5 x 36.5 cm)</td>
<td>21.6&quot; L x 16.5&quot; W x 14.33&quot; H (55 x 42 x 36.5 cm)</td>
<td>22.48&quot; L x 14.33&quot; W x 7.9&quot; H (57.1 x 36.5 cm)</td>
</tr>
<tr>
<td><strong>Size of Tank</strong></td>
<td>11.8&quot; L x 5.9&quot; W x 5.9&quot; H (30 x 15 x 15 cm)</td>
<td>12.1&quot; L x 11.8&quot; W x 5.9&quot; H (30 x 30 x 15 cm)</td>
<td>15.1&quot; L x 11.8&quot; W x 5.9&quot; H (38.5 x 30 x 15 cm)</td>
<td>19.9&quot; L x 11.8&quot; W x 7.9&quot; H (50.5 x 30 x 20 cm)</td>
<td>19.9&quot; L x 11.8&quot; W x 7.9&quot; H (50.5 x 30 x 20 cm)</td>
</tr>
<tr>
<td><strong>Limited Warranty</strong></td>
<td>3 Years</td>
<td>3 Years</td>
<td>3 Years</td>
<td>3 Years</td>
<td>3 Years</td>
</tr>
<tr>
<td><strong>Average Sound Level (with lid on)</strong></td>
<td>68 dB</td>
<td>61 dB</td>
<td>61 dB</td>
<td>61 dB</td>
<td>61 dB</td>
</tr>
</tbody>
</table>
Trust the Best

RITTER® M3, M9 + M11 STEAM STERILIZERS

When you invest in Ritter sterilizers, you can be confident you are getting the best—our sterilizers are the market leaders year after year. Ritter sterilizers are designed to be safe, dependable and easy to use. In fact, every unit is inspected and ASME-certified by a third-party, licensed inspector. And all our sterilizers are backed with over 100 years of manufacturing experience built into each one.

SAFETY FEATURES

Programmed Controls: Once a pre-programmed cycle is selected, the unit is designed to sterilize automatically without any operator assistance.

Smart Technology: If the door isn’t closed completely or the water level is low, the sterilizer will automatically stop and alert the operator to take proper action.

Open-Door Drying: Once sterilization is complete, the door opens automatically and quietly to dissipate steam and dry your instruments.

01 Ritter M11™ Steam Sterilizer
Its 11” x 18” chamber makes it the largest of any standard countertop sterilizer on the market.

02 Ritter M9™ Steam Sterilizer
Pack all the reliable sterilizing power you need into a compact unit perfect for areas with limited space.

03 Ritter M3™ Steam Sterilizer
Sterilize unwrapped instruments in 6 minutes and pouched instruments in just over 10 minutes.

A new M3 color is coming soon. Ask your Midmark representative about the availability of the color update.
ACCESSORIES THAT HELP ADD VERSATILITY + FUNCTION

STANDARD CYCLE PARAMETERS

<table>
<thead>
<tr>
<th>Pre-Programmed Cycle</th>
<th>Sterilization Temperature</th>
<th>Hot Cycle Time (Fill, Heat-Up and Vent in minutes)</th>
<th>Sterilization Time (in minutes)</th>
<th>Dry Time (in minutes)</th>
<th>Total Hot Cycle Time w/’ Dry (in minutes)</th>
<th>Total Hot Cycle Time w/o Dry (in minutes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unwrapped</td>
<td>270°F (132°C)</td>
<td>19 11 2.5 3 3.5 30 30 25</td>
<td>32 14 6</td>
<td>52 44 33</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pouches</td>
<td>270°F (132°C)</td>
<td>20 12 5 6 4 5.5 30 30 30</td>
<td>24 16 10.5</td>
<td>54 46 40.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Packs/Low Temp</td>
<td>250°F (121°C)</td>
<td>18 10 4.5 30 30 20</td>
<td>46 40 24.5</td>
<td>78 70 74.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Handpieces</td>
<td>270°F (132°C)</td>
<td>26 15 N/A 4 4 N/A 30 30 N/A</td>
<td>30 19 N/A</td>
<td>60 49 N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ACCESSORIES FOR THE M9” + M11” STERILIZERS

- **M9/M11 Printer 9A599001**
  Records and prints critical sterilization cycle data including time, temperature and pressure.

- **Cool Hand Tool 9A307001**
  Designed to help reduce the risk of staff injury by making it safer and simpler to load and unload your sterilizer.

- **Pouch Rack 002-2108-00 and 002-2108-01**
  Designed to separate sterilization pouches for enhanced steam circulation and drying.

ACCESSORIES FOR THE M3” STERILIZER

- **Top Cover Protector 9A404001**
  Use the cover protector to shield the M3 from scratches or damages.
  A new M3 color is coming soon. Ask your Midmark representative about the availability of the color update.

- **M3 Printer 9A401001**
  Records and prints critical sterilization cycle data including time, temperature and pressure.

- **Door Tray 9A402001**
  The door tray accessory allows you to prepare an additional load for sterilization before the previous load is complete, saving valuable time.

VISTACOOL™ DIRECT-TO-DRAIN WATER ELIMINATION SYSTEM

- **Single VistaCool unit 9A586001**
  Designed to be compatible with the Ritter M3

- **Double VistaCool unit 9A586002**
  Designed to be compatible with any two current Ritter sterilizers

The VistaCool Direct-To-Drain sterilizer wastewater elimination system makes labor-intensive condensate tanks unnecessary, freeing your staff to spend more time with patients and less time tending to equipment.
Your Instrument Processing Center

STERILIZATION GOALS MAY BE UNIVERSAL, BUT EACH FACILITY IS UNIQUE.

Even though you may be familiar with sterilization and instrument processing best practices, the needs and considerations of each facility can be different. These variations can make implementing a sterilization and instrument processing workflow that adheres to best practices a challenge.

Let us help you create an instrument processing center that addresses the specific needs of your facility, your team and your patients. We can help standardize your instrument processing workflow in one facility or across a network of sites.
Configure Your Space

From receiving to storage, your instrument processing space needs to work for you. These layout options are designed to follow the 5-step best practices in instrument processing while giving you the options your practice demands.

**STEP 1**
RECEIVING, CLEANING + DECONTAMINATION

**STEP 2**
PREPARATION + PACKAGING

**STEP 3**
STERILIZATION

**STEP 4**
MONITORING/STERILITY ASSURANCE

**STEP 5**
STORAGE

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**GALLEY**
The galley layout consists of workspaces on two opposing walls with a single traffic lane between. This arrangement allows for easy access and efficient workflow, helping your staff keep the process moving using a linear flow while also keeping everything within reach.

**L-SHAPED**
An L-shaped counter arrangement maximizes use of available space where elbow room is limited. The space you have can be all you need for a better instrument processing workflow.

**U-SHAPED**
Multiple cleaners and sterilizers demand space—a U-shaped workspace design provides that and more. Ample surface areas allow more staff in the room to multitask and maintain a bustling workflow.

**STRAIGHT LINE**
Perfectly suited to the 5-step instrument processing flow, a straight-line workspace design is the picture of efficiency.
**Renew Bend and Cove**

**DRAWERS**

- Handled and anti-microbial*.

**HANDLES**

- Arc, Flare, Bent and Anti-microbial*, Bent, Edge.

**Renevables**

- Available in Pebble Grey or Pebble Grey PVC Free only.

- EPA Registration Numbers 84542-7 and 087753-CT-001

* Available in Pebble Grey or Pebble Grey PVC Free only.

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**CABINET FINISH**

<table>
<thead>
<tr>
<th>Flat Iron (metallic)</th>
<th>Flex</th>
<th>Acom</th>
<th>Earth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pebble Grey and Pebble Grey PVC Free</td>
<td>Path</td>
<td>Timber</td>
<td>Henna</td>
</tr>
<tr>
<td>Pearl Essence (metallic)</td>
<td>Sediment</td>
<td>Storm</td>
<td>Radiance</td>
</tr>
<tr>
<td>Nest</td>
<td>Acom</td>
<td>Earth</td>
<td>Henna</td>
</tr>
<tr>
<td>Venus Silver (metallic)</td>
<td>Flat Iron</td>
<td>Acom</td>
<td>Earth</td>
</tr>
<tr>
<td>Transcend</td>
<td>Flat Iron</td>
<td>Acom</td>
<td>Earth</td>
</tr>
<tr>
<td>Pinnacle</td>
<td>Flat Iron</td>
<td>Acom</td>
<td>Earth</td>
</tr>
<tr>
<td>Serenity</td>
<td>Flat Iron</td>
<td>Acom</td>
<td>Earth</td>
</tr>
<tr>
<td>Renew</td>
<td>Flat Iron</td>
<td>Acom</td>
<td>Earth</td>
</tr>
<tr>
<td>Radio</td>
<td>Flat Iron</td>
<td>Acom</td>
<td>Earth</td>
</tr>
</tbody>
</table>

**PANEL SUBSTRATES**

01 Synthesis Cabinetry: Thermofax over electrostatic, powder-coated painted steel (woodgrain and metallic colors)
02 Local Millwork: Basic plywood or particle board covered with laminate

**BASE MATERIAL**

01 Synthesis Cabinetry: 18-gauge cold-rolled steel modular design
02 Local Millwork: 3/4" panels

**CABINET FRAME**

01 Synthesis Cabinetry: 18-gauge cold-rolled steel modular design
02 Local Millwork: Often made from 1/2" to 5/8" low-density particle board or various types of plywood

**FINISHES**

01 Synthesis Cabinetry: PVC thermofoil (woodgrain and metallic colors)
02 Local Millwork: Basic plywood or particle board covered with laminate

**DRAWER SLIDES**

01 Synthesis Cabinetry: Full-extension ball bearing drawer system secured to steel foundation
02 Local Millwork: Typically use a single undermounted drawer (monorail glide) or slides common in kitchens (less durable)

**TYPES OF ASSEMBLY**

01 Synthesis Cabinetry: Mechanical fasteners (screws, pop rivets and Tog-L-Loc® sheet metal joining system)
02 Local Millwork: Inside drawers are often nailed, painted or left unfinished

**DRAWERS**

- Seamless, polystyrene drawers
- Inside drawers are often nailed, painted or left unfinished

**PANEL STYLES**

- Pinnacle, Serenity, Transcend, **Renew**, Cove

**HANDLE STYLES**

- Arc, Flare, Bent and Anti-microbial*, Bent, Edge

**Fabrication of local cabinets may vary. However, materials depicted are typical of local millwork cabinetry.**

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Synthesis Cabinetry offers different color and styling options to allow you to put your unique signature on a space, whether it is in one office or a multi-facility organization.

**Midmark Cabinetry vs. Local Millwork**

Why Midmark? We can think of many reasons—and it all starts with a better design. The Synthesis cabinetry line is carefully designed and constructed with the clinical space in mind. We incorporate the functional features you will come to appreciate, such as full-extension drawers and asepsis-friendly surfaces that are easy to clean and maintain. We understand wanting to support the shop down the road, but local millwork alternatives are unlikely to match Midmark cabinetry solutions for quality, durability and design.

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* *EPA Registration Numbers 84542-7 and 087753-CT-001

**Available in Pebble Grey or Pebble Grey PVC Free only**
PROVEN DESIGNS
Midmark instrument processing solutions are designed from the inside out to perform consistently throughout the life of the product. Our products do their job, so you can do yours.

EFFECTIVE TECHNOLOGY
What good is technology if it’s not easy to use? Midmark instrument processing solutions are built to be simple to use right out of the box. And if you ever need help, we’re here.

RELIABLE SUPPORT
You may not think about your instrument processing equipment until it goes down. But rest assured that if it does, we’ll be there to get you back up and running quickly.
DESIGN SUPPORT

Whether you are building a new practice or remodeling your current instrument processing center, the prospect can be overwhelming. Our in-house design experts are ready to help you every step of the way, including partnering with your preferred dealer and working with existing floorplans and designs. We can help you choose from a variety of designs, configurations and styles and all specific to your instrument processing needs. Let’s design a better instrument processing experience.
SPECIFICATIONS

**M1**
- Length w/plug: 23.8” (60.5 cm)
- Width: 17.8” (45.2 cm)
- Height w/pin: 17.8” (45.2 cm)
- Minimum Countertop Area: 17.8” W x 21” D (45.2 x 53.3 cm)
- Chamber: 11” x 18” (28 x 45.7 cm)
- 6.5 gal usable volume (24.4 L)
- Pouch Rack: 5 slot (14.3 x 30.5 x 2.2 cm)
- Two Small - 5.6” W x 12” L x 0.8” D (18.6 x 30.5 x 2.2 cm)
- Two Large - 7.3” W x 12” L x 0.8” D (18.6 x 30.5 x 2.2 cm)
- Trays:
  - 3.5 gal usable volume (4.1L)
  - Chamber: 9” x 15” (22.9 x 38.1 cm)
  - 15.3” W x 17.9” D (38.9 x 45.4 cm)
- Minimum Countertop Area:
  - Height w/printer: 15.8” (40.1 cm)
  - Width: 15.3” (38.9 cm)
  - Length w/plug: 20.4” (51.8 cm)

**M9 + M11**
- Length w/plug: 20.4” (51.8 cm)
- Width: 15.3” (38.9 cm)
- Height w/pin: 15.8” (40.1 cm)
- Minimum Countertop Area: 15.3” W x 17.9” D (38.9 x 45.4 cm)
- Chamber: 9” x 15” (22.9 x 38.1 cm)
- 3.5 gal usable volume (4.1 L)
- Pouch Rack: 5 slot (14.3 x 30.5 x 2.2 cm)
- Two Small - 7.3” W x 12” L x 0.8” D (18.6 x 30.5 x 2.2 cm)
- Two Small - 5.6” W x 12” L x 0.8” D (18.6 x 30.5 x 2.2 cm)
- Trays:
  - 6.5 gal usable volume (24.6 L)
  - Chamber: 11” x 18” (28.6 x 45.7 cm)
  - 17.8” W x 21” D (45.2 x 53.3 cm)

**M3**
- Length w/plug: 22” (55.9 cm)
- Width: 17.8” (45.2 cm)
- Height: 6.9” (17.5 cm)
- Minimum Countertop Area: 22” W x 24” D (56.9 x 59.9 cm)

**M9**
- Length w/plug: 20.4” (51.8 cm)
- Width: 15.3” (38.9 cm)
- Height w/pin: 15.8” (40.1 cm)
- Minimum Countertop Area: 15.3” W x 17.9” D (38.9 x 45.4 cm)
- Chamber: 9” x 15” (22.9 x 38.1 cm)
- 3.5 gal usable volume (4.1 L)
- Pouch Rack: 5 slot (14.3 x 30.5 x 2.2 cm)
- Two Small - 7.3” W x 12” L x 0.8” D (18.6 x 30.5 x 2.2 cm)
- Two Small - 5.6” W x 12” L x 0.8” D (18.6 x 30.5 x 2.2 cm)
- Trays:
  - 3.3 gal usable volume (12.5 L)
  - Chamber: 11.8” L x 7.3” W x 5.9” H (30.7 x 19.3 x 4.1 cm)
  - 4.9 gal usable volume (18.8 L)
- Pouch Rack: 6 slot (16.8 x 38 x 2.9 cm)
- Two Small - 6.6” W x 15” L x 1.1” D (22.9 x 38 x 2.9 cm)
- Two Large - 9” W x 15” L x 1.1” D (22.9 x 38 x 2.9 cm)
- Trays:
  - 6.6 gal usable volume (24.6 L)
  - Chamber: 11” x 18” (28.6 x 45.7 cm)
  - 17.8” W x 21” D (45.2 x 53.3 cm)

**QC1 ULTRASONIC CLEANER**
- Tank Capacity: 1.2 gal (4.5 L)
- Shipping Weight: 80 lb (36.3 kg)
- Unit Weight: 71 lb (32.2 kg)
- Water Reservoir Capacity: 1.4 gal (5.3 L)

**QC3/QC3R ULTRASONIC CLEANER**
- Tank Capacity: 1.2 gal (4.5 L)
- Shipping Weight: 81 lb (36.7 kg)
- Unit Weight: 73 lb (33.2 kg)
- Water Reservoir Capacity: 1.1 gal (4.1 L)

**QC6/QC6R ULTRASONIC CLEANER**
- Tank Capacity: 6.6 gal (24.6 L)
- Shipping Weight: 131 lb (59.4 kg)
- Unit Weight: 99 lb (44.9 kg)

**QC1 ELECTRICAL REQUIREMENTS**
- Maximum Power Consumption: 1,400 W
- Heater power: 1,400 W

**QC3/QC3R ELECTRICAL REQUIREMENTS**
- Maximum Power Consumption: 200 W
- Heater power: 1,400 W

**QC6/QC6R ELECTRICAL REQUIREMENTS**
- Maximum Power Consumption: 1,500 W
- Heater power: 1,500 W

**QC1 ULTRASONIC CLEANER**
- Heater power: 1,400 W
- Maximum Power Consumption: 1,400 W

**QC3/QC3R ULTRASONIC CLEANER**
- Heater power: 200 W
- Maximum Power Consumption: 200 W

**QC6/QC6R ULTRASONIC CLEANER**
- Heater power: 300 W
- Maximum Power Consumption: 300 W

**ALL RITTER STERILIZERS**
- Meet the requirements of ASME Boiler and Pressure Vessel Code
- Canadian Registered – CRN number is available
- Recommend a separate (dedicated) circuit

**SOURCES**

26 Instrument Processing